

ABSTRACT

METHOD FOR HANDLING A PROCESSING PLANT OF A METAL  
BAND IN A CONTINUOUS LINE AND A PLANT FOR IMPLEMENTING  
SAID METHOD

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VAI CLECIM  
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Invention of

David SYLVAIN

The invention relates to a new method for managing the feeding of a new coil into a continuous inline processing plant of a band-type product, in particular for passing short coils through the production line.

According to the invention, the global duration for performing the general connection process of a new coil (11') is divided into at least two time periods ( $T_1$ ,  $T_3$ ) realised in at least two successive portions (3, 4) of the inlet section (1) of the plant and the junction cycle is broken down into two separate phases  $S_1$ ,  $S_2$  between which a variable band length is set aside in at least one intermediate accumulator (5) in order to provide a time interval ( $T_2$ ) of variable duration between said time periods of the connection process.

The invention applies especially to continuous etching lines of steel bands.

FIGURE 2